Message

From: Cheung, Wendy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DDF2CC506357425F9F784801CC8F6B7D-CHEUNG, WENDY]

Sent: 8/17/2016 7:45:27 PM

To: Minter, Douglas [Minter.Douglas@epa.gov]

Subject: FW: Uranium ISR review comments

Attachments: JEM Draft Saunders et al. (2016) 8-16-16.pdf; Aquifer Exemptions Research - v3.docx

Douglas,

Valois would be an asset to this group given her involvement with the RARE grant. But I would be interested in sitting in as well.

Wendy

From: Tiago, Joseph

Sent: Wednesday, August 17, 2016 1:00 PM

To: Dellinger, Philip <dellinger.philip@epa.gov>; Minter, Douglas <Minter.Douglas@epa.gov>; Cheung, Wendy

<Cheung.Wendy@epa.gov>; Hildebrandt, Kurt <Hildebrandt.Kurt@epa.gov>; Mindrup, Mary <Mindrup.Mary@epa.gov>

Cc: Green, Holly <Green.Holly@epa.gov>; Tiago, Joseph <Tiago.Joseph@epa.gov>

Subject: FW: Uranium ISR review comments

Hi all,

Thanks for agreeing to participate in a call with ORD re: ISR site selection for sampling, a second phase of an aquifer exemption work OGWDW has undertaken with ORD.

Wendy and Douglas, I did not hear you on the UIC managers call when I discussed this so I included you because of the interest in R8 ISR sites.

As some of you requested please find attached background information, including:

- A description of the scope of the OGWDW/ORD work, and
- A pre-publication version of the state of the science paper

I am trying to setup the call with ORD for next week, Tuesday afternoon, Wednesday, or Thursday. Pease let me know if you have a conflict with any of these days, otherwise I'll use your status in outlook to setup the meeting.

Thanks again,

Joe.

Joe Tiago, MS, MPH, Physical Scientist Special Assistant Drinking Water Protection Division OGWDW Designated Federal Officer National Environmental Justice Advisory Council

EPA Office of Ground Water and Drinking Water 1200 Pennsylvania Avenue, NW, MC 4606M Washington, DC 20460

Phone: (202) 564-0340

Fax: (202) 564-3754 Email: tiago.joseph@epa.gov

From: Wilkin, Rick

Sent: Wednesday, August 17, 2016 2:33 PM
To: Tiago, Joseph < Tiago, Joseph@epa.gov >
Cc: Mravik, Susan < Mravik, Susan@epa.gov >
Subject: RE: Uranium ISR review comments

Excellent Joe! For background info, the phase 2 plan is good and I have attached the recent version of the review manuscript to this email.

Susan is out this week and returning on the 22^{nd} – It would be good to have her on the call. Next Tuesday afternoon, Wednesday, or Thursday are good for me. Thanks for setting this up.

We would interested in finding out: 1) are there groundwater data that folks would like to see collected at specific sites (e.g., Ra-226 and R-228, water quality); and 2) figure out how we can get the information collected.

Rick

Richard T. Wilkin, Ph.D. Geochemist

U.S. Environmental Protection Agency
National Risk Management Research Laboratory
Ground Water and Ecosystems Restoration Division
Mail: 919 Kerr Research Dr., Ada, Oklahoma 74820

Phone: 580-436-8874 E-mail: wilkin.rick@epa.gov

From: Tiago, Joseph

Sent: Wednesday, August 17, 2016 12:12 PM To: Wilkin, Rick < <u>Wilkin, Rick@epa.gov</u>> Cc: Mravik, Susan < <u>Mravik, Susan@epa.gov</u>> Subject: RE: Uranium ISR review comments

Thanks, Rick!

I did follow-up as promised with our regional folks about a call on site selection for data collection at ISR facilities. I do have folks from R6, 7 and 8 that are interested in the call. They asked to send them background info in preparation for the call and what came to mind was the project plan we put together for phase 2, and the state of the science paper.

Do you have the pre-publication version of the paper I can share with those folks? Also when would be a good time (week/day) for the call?

Joe.

Joe Tiago, MS, MPH, Physical Scientist Special Assistant Drinking Water Protection Division OGWDW Designated Federal Officer EPA Office of Ground Water and Drinking Water 1200 Pennsylvania Avenue, NW, MC 4606M

Phone: (202) 564-0340 Fax: (202) 564-3754 Email: <u>tiago.joseph@epa.gov</u>

Washington, DC 20460

From: Wilkin, Rick

Sent: Monday, August 08, 2016 9:43 AM

To: Tiago, Joseph < Tiago, Joseph@epa.gov >
Cc: Mravik, Susan < Mravik, Susan@epa.gov >
Subject: Uranium ISR review comments

Hello Joe – it was very nice getting the chance to speak with you during your visit to Ada last week. As a follow-up on one of the points we discussed, I am attaching a summary of all of the internal review comments we received on the review paper, and our responses in making revisions. Please let us know if you would like to discuss these further.

Also, I would like to follow-up over the next couple of weeks on exploring possibilities for collecting groundwater radium/uranium/water quality data at older ISR sites. When you get back in the office, let's try to touch base on this topic.

Thanks Joe; enjoy Minneapolis.

Rick

Richard T. Wilkin, Ph.D. Geochemist

U.S. Environmental Protection Agency
National Risk Management Research Laboratory
Ground Water and Ecosystems Restoration Division
Mail: 919 Kerr Research Dr., Ada, Oklahoma 74820

Phone: 580-436-8874 E-mail: wilkin.rick@epa.gov